

SEQUENCE LISTING

<110> INCYTE PHARMACEUTICALS, INC.

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 LAL, Preeti
 HILLMAN, Jennifer L.
 YANG, Junming

<120> IMMUNOGLOBULIN SUPERFAMILY PROTEINS

<130> PF-0643 PCT

<140> To Be Assigned

<141> Herewith

<150> 09/195,853; unassigned; 60/113,635; 60/128,194

<151> 1998-11-19; 1998-11-19; 1998-12-22; 1999-04-07

<160> 38

<170> PERL Program

<210> 1

<211> 237

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 079785CD1

<400> 1

Met	Asp	Met	Arg	Val	Pro	Ala	Gln	Leu	Leu	Gly	Leu	Leu	Leu	Leu	
1				5						10					15
Trp	Leu	Arg	Gly	Ala	Arg	Cys	Asp	Ile	Gln	Met	Thr	Gln	Ser	Pro	
			20							25					30
Ser	Ser	Leu	Ser	Ala	Ser	Val	Gly	Asp	Arg	Val	Thr	Ile	Thr	Cys	
			35							40					45
Arg	Ala	Gly	Gln	Ser	Ile	Ser	Ser	Tyr	Leu	Asn	Trp	Tyr	Gln	Gln	
			50							55					60
Lys	Pro	Gly	Lys	Ala	Pro	Lys	Leu	Leu	Ile	Tyr	Ala	Ala	Ser	Ser	
			65							70					75
Leu	Gln	Ser	Gly	Val	Pro	Ser	Arg	Phe	Ser	Gly	Ser	Gly	Ser	Gly	
			80							85					90
Thr	Asp	Phe	Thr	Leu	Thr	Ile	Ser	Ser	Leu	Gln	Pro	Glu	Asp	Phe	
			95							100					105
Ala	Thr	Tyr	Tyr	Cys	Gln	Gln	Ser	Tyr	Ser	Thr	Pro	Pro	Ile	Thr	
			110							115					120

Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala Ala	125	130	135
Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser	140	145	150
Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg	155	160	165
Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly	170	175	180
Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr	185	190	195
Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu	200	205	210
Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser	215	220	225
Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys	230	235	

<210> 2

<211> 537

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 2469025CD1

<400> 2

Met Asp Leu Leu His Lys Asn Met Lys His Leu Trp Phe Phe Leu	1	5	10	15
Leu Leu Val Ala Ala Pro Arg Trp Val Leu Ser Gln Val Gln Leu	20	25	30	
Gln Gln Trp Gly Ala Gly Leu Leu Lys Pro Ser Glu Thr Leu Ser	35	40	45	
Leu Thr Cys Ala Val Tyr Gly Gly Ser Phe Ser Gly Tyr Tyr Leu	50	55	60	
Ser Gly Tyr Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly	65	70	75	
Leu Glu Trp Ile Gly Glu Ile Asn His Ser Gly Ser Thr Asn Tyr	80	85	90	
Asn Pro Ser Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser	95	100	105	
Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp	110	115	120	
Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Ser Asp Ser Ser Gly	125	130	135	
Ser Pro Tyr Gly Leu Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr	140	145	150	
Val Ser Ser Ala Pro Thr Lys Ala Pro Asp Val Phe Pro Ile Ile	155	160	165	
Ser Gly Cys Arg His Pro Lys Asp Asn Ser Pro Val Val Leu Ala	170	175	180	
Cys Leu Ile Thr Gly Tyr His Pro Thr Ser Val Thr Val Thr Trp	185	190	195	
Tyr Met Gly Thr Gln Ser Gln Pro Gln Arg Thr Phe Pro Glu Ile				

	200		205		210
Gln Arg Arg Asp Ser Tyr Tyr Met Thr Ser Ser Gln Leu Ser Thr					
	215		220		225
Pro Leu Gln Gln Trp Arg Gln Gly Glu Tyr Lys Cys Val Val Gln					
	230		235		240
His Thr Ala Ser Lys Ser Lys Lys Glu Ile Phe Arg Trp Pro Glu					
	245		250		255
Ser Pro Lys Ala Gln Ala Ser Ser Val Pro Thr Ala Gln Pro Gln					
	260		265		270
Ala Glu Gly Ser Leu Ala Lys Ala Thr Thr Ala Pro Ala Thr Thr					
	275		280		285
Arg Asn Thr Gly Arg Gly Gly Glu Glu Lys Lys Lys Glu Lys Glu					
	290		295		300
Lys Glu Glu Gln Glu Glu Arg Glu Thr Lys Thr Pro Glu Cys Pro					
	305		310		315
Ser His Thr Gln Pro Leu Gly Val Tyr Leu Leu Thr Pro Ala Val					
	320		325		330
Gln Asp Leu Trp Leu Arg Asp Lys Ala Thr Phe Thr Cys Phe Val					
	335		340		345
Val Gly Ser Asp Leu Lys Asp Ala His Leu Thr Trp Glu Val Ala					
	350		355		360
Gly Lys Val Pro Thr Gly Gly Val Glu Glu Gly Leu Leu Glu Arg					
	365		370		375
His Ser Asn Gly Ser Gln Ser Gln His Ser Arg Leu Thr Leu Pro					
	380		385		390
Arg Ser Leu Trp Asn Ala Gly Thr Ser Val Thr Cys Thr Leu Asn					
	395		400		405
His Pro Ser Leu Pro Pro Gln Arg Leu Met Ala Leu Arg Glu Pro					
	410		415		420
Ala Ala Gln Ala Pro Val Lys Leu Ser Leu Asn Leu Leu Ala Ser					
	425		430		435
Ser Asp Pro Pro Glu Ala Ala Ser Trp Leu Leu Cys Glu Val Ser					
	440		445		450
Gly Phe Ser Pro Pro Asn Ile Leu Leu Met Trp Leu Glu Asp Gln					
	455		460		465
Arg Glu Val Asn Thr Ser Gly Phe Ala Pro Ala Arg Pro Pro Pro					
	470		475		480
Gln Pro Gly Ser Thr Thr Phe Trp Ala Trp Ser Val Leu Arg Val					
	485		490		495
Pro Ala Pro Pro Ser Pro Gln Pro Ala Thr Tyr Thr Cys Val Val					
	500		505		510
Ser His Glu Asp Ser Arg Thr Leu Leu Asn Ala Ser Arg Ser Leu					
	515		520		525
Glu Val Ser Tyr Val Thr Asp His Gly Pro Met Lys					
	530		535		

<210> 3

<211> 311

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 2906265CD1

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 1 5 10 15
 Ala Asp His Thr Gly Ala Gly Val Ser Gln Ser Pro Ser Asn Lys
 20 25 30
 Val Thr Glu Lys Gly Lys Asp Val Glu Leu Arg Cys Asp Pro Ile
 35 40 45
 Ser Gly His Thr Ala Leu Tyr Trp Tyr Arg Gln Ser Leu Gly Gln
 50 55 60
 Gly Leu Glu Phe Leu Ile Tyr Phe Gln Gly Asn Ser Ala Pro Asp
 65 70 75
 Lys Ser Gly Leu Pro Ser Asp Arg Phe Ser Ala Glu Arg Thr Gly
 80 85 90
 Gly Ser Val Ser Thr Leu Thr Ile Gln Arg Thr Gln Gln Glu Asp
 95 100 105
 Ser Ala Val Tyr Leu Cys Ala Ser Ser Phe Leu Ala Gly Arg Gly
 110 115 120
 Asn Thr Ile Tyr Phe Gly Glu Gly Ser Trp Leu Thr Val Val Glu
 125 130 135
 Asp Leu Asn Lys Val Phe Pro Pro Glu Val Ala Val Phe Glu Pro
 140 145 150
 Ser Glu Ala Glu Ile Ser His Thr Gln Lys Ala Thr Leu Val Cys
 155 160 165
 Leu Ala Thr Gly Phe Phe Pro Asp His Val Glu Leu Ser Trp Trp
 170 175 180
 Val Asn Gly Lys Glu Val His Ser Gly Val Ser Thr Asp Pro Gln
 185 190 195
 Pro Leu Lys Glu Gln Pro Ala Leu Asn Asp Ser Arg Tyr Cys Leu
 200 205 210
 Ser Ser Arg Leu Arg Val Ser Ala Thr Phe Trp Gln Asn Pro Arg
 215 220 225
 Asn His Phe Arg Cys Gln Val Gln Phe Tyr Gly Leu Ser Glu Asn
 230 235 240
 Asp Glu Trp Thr Gln Asp Arg Ala Lys Pro Val Thr Gln Ile Val
 245 250 255
 Ser Ala Glu Ala Trp Gly Arg Ala Asp Cys Gly Phe Thr Ser Val
 260 265 270
 Ser Tyr Gln Gln Gly Val Leu Ser Ala Thr Ile Leu Tyr Glu Ile
 275 280 285
 Leu Leu Gly Lys Ala Thr Leu Tyr Ala Val Leu Val Ser Ala Leu
 290 295 300
 Val Leu Met Ala Met Val Lys Arg Lys Asp Phe
 305 310

<210> 4

<211> 194

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 788975CD1

<400> 4

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Met Thr Met Arg His Asn Trp Thr Pro Asp Leu Ser Pro Leu Trp
 1      5      10      15
Val Leu Leu Leu Cys Ala His Val Val Thr Leu Leu Val Arg Ala
      20      25      30
Thr Pro Val Ser Gln Thr Thr Thr Ala Ala Thr Ala Ser Val Arg
      35      40      45
Ser Thr Lys Asp Pro Cys Pro Ser Gln Pro Pro Val Phe Pro Ala
      50      55      60
Ala Lys Gln Cys Pro Ala Leu Glu Val Thr Trp Pro Glu Val Glu
      65      70      75
Val Pro Leu Asn Gly Thr Leu Ser Leu Ser Cys Val Ala Cys Ser
      80      85      90
Arg Phe Pro Asn Phe Ser Ile Leu Tyr Trp Leu Gly Asn Gly Ser
      95     100     105
Phe Ile Glu His Leu Pro Gly Arg Leu Trp Glu Gly Ser Thr Ser
     110     115     120
Arg Glu Arg Gly Ser Thr Gly Thr Gln Leu Cys Lys Ala Leu Val
     125     130     135
Leu Glu Gln Leu Thr Pro Ala Leu His Ser Thr Asn Phe Ser Cys
     140     145     150
Val Leu Val Asp Pro Glu Gln Val Val Gln Arg His Val Val Leu
     155     160     165
Ala Gln Leu Trp Ala Gly Leu Arg Ala Thr Leu Pro Pro Thr Gln
     170     175     180
Glu Ala Leu Pro Ser Ser His Ser Ser Pro Gln Gln Gln Gly
     185     190

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<210> 5

<211> 236

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 1407148CD1

<400> 5

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Met Asp Met Arg Val Pro Ala Gln Leu Leu Gly Leu Leu Leu Leu
 1      5      10      15
Trp Leu Pro Gly Ala Arg Cys Asp Ile Gln Leu Thr Gln Ser Pro
      20      25      30
Ser Phe Leu Ser Ala Ser Val Gly Asp Arg Val Thr Ile Thr Cys
      35      40      45
Arg Ala Ser Gln Leu Ile Ser Asn His Leu Ala Trp Tyr Gln Gln
      50      55      60
Lys Pro Gly Arg Ala Pro Lys Leu Leu Val His Ser Ala Ser Ile
      65      70      75
Leu Gln Ser Gly Val Pro Leu Arg Phe Ser Gly Ser Gly Tyr Gly
      80      85      90
Thr Glu Phe Thr Leu Thr Val Ala Ser Leu Gln Pro Glu Asp Ser
      95     100     105
Ala Thr Tyr Tyr Cys Gln Gln Arg Asn Gly Tyr Pro Ile Thr Phe
     110     115     120
Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala Ala Pro

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<400> 6														
Met	Ala	Leu	Arg	Arg	Pro	Pro	Arg	Leu	Arg	Leu	Cys	Ala	Arg	Leu
1				5					10					15
Pro	Asp	Phe	Phe	Leu	Leu	Leu	Leu	Phe	Arg	Gly	Cys	Leu	Ile	Gly
				20					25					30
Ala	Val	Asn	Leu	Lys	Ser	Ser	Asn	Arg	Thr	Pro	Val	Val	Gln	Glu
				35					40					45
Phe	Glu	Ser	Val	Glu	Leu	Ser	Cys	Ile	Ile	Thr	Asp	Ser	Gln	Thr
				50					55					60
Ser	Asp	Pro	Arg	Ile	Glu	Trp	Lys	Lys	Ile	Gln	Asp	Glu	Gln	Thr
				65					70					75
Thr	Tyr	Val	Phe	Phe	Asp	Asn	Lys	Ile	Gln	Gly	Asp	Leu	Ala	Gly
				80					85					90
Arg	Ala	Glu	Ile	Leu	Gly	Lys	Thr	Ser	Leu	Lys	Ile	Trp	Asn	Val
				95					100					105
Thr	Arg	Arg	Asp	Ser	Ala	Leu	Tyr	Arg	Cys	Glu	Val	Val	Ala	Arg
				110					115					120
Asn	Asp	Arg	Lys	Glu	Ile	Asp	Glu	Ile	Val	Ile	Glu	Leu	Thr	Val
				125					130					135
Gln	Val	Lys	Pro	Val	Thr	Pro	Val	Cys	Arg	Val	Pro	Lys	Ala	Val
				140					145					150
Pro	Val	Gly	Lys	Met	Ala	Thr	Leu	His	Cys	Gln	Glu	Ser	Glu	Gly
				155					160					165
His	Pro	Arg	Pro	His	Tyr	Ser	Trp	Tyr	Arg	Asn	Asp	Val	Pro	Leu
				170					175					180
Pro	Thr	Asp	Ser	Arg	Ala	Asn	Pro	Arg	Phe	Arg	Asn	Ser	Ser	Ser
				185					190					195
His	Leu	Asn	Ser	Glu	Thr	Gly	Thr	Leu	Val	Phe	Thr	Ala	Val	His
				200					205					210

Lys	Asp	Asp	Ser	Gly	Gln	Tyr	Tyr	Cys	Ile	Ala	Ser	Asn	Asp	Ala	
				215					220					225	
Gly	Ser	Ala	Arg	Cys	Glu	Glu	Gln	Glu	Met	Glu	Val	Tyr	Asp	Leu	
				230					235					240	
Asn	Ile	Gly	Gly	Ile	Ile	Gly	Gly	Val	Leu	Val	Val	Leu	Ala	Val	
				245					250					255	
Leu	Ala	Leu	Ile	Thr	Leu	Gly	Ile	Cys	Cys	Ala	Tyr	Arg	Arg	Gly	
				260					265					270	
Tyr	Phe	Ile	Asn	Asn	Lys	Gln	Asp	Gly	Glu	Ser	Tyr	Lys	Asn	Pro	
				275					280					285	
Gly	Lys	Pro	Asp	Gly	Val	Asn	Tyr	Ile	Arg	Thr	Asp	Glu	Glu	Gly	
				290					295					300	
Asp	Phe	Arg	His	Lys	Ser	Ser	Phe	Val	Ile						
				305					310						

<210> 7

<211> 148

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 1888468CD1

<400> 7

Met	Asp	Trp	Thr	Trp	Arg	Ile	Leu	Phe	Leu	Val	Ala	Ala	Ala	Thr	
1				5					10					15	
Gly	Ala	His	Ser	Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	
				20					25					30	
Lys	Lys	Pro	Gly	Ala	Ser	Val	Lys	Val	Ser	Cys	Lys	Ala	Ser	Gly	
				35					40					45	
Tyr	Thr	Phe	Thr	Gly	Tyr	Tyr	Met	His	Trp	Val	Arg	Gln	Ala	Pro	
				50					55					60	
Gly	Gln	Gly	Leu	Glu	Trp	Met	Gly	Trp	Ile	Ser	Pro	Asn	Asn	Gly	
				65					70					75	
Asp	Thr	Phe	Tyr	Ala	His	Arg	Leu	Gln	Asp	Arg	Val	Thr	Leu	Thr	
				80					85					90	
Thr	Asp	Thr	Ser	Ala	Thr	Thr	Gly	Tyr	Met	Glu	Leu	Arg	Ser	Leu	
				95					100					105	
Thr	Ser	Asp	Asp	Thr	Ala	Ile	Tyr	Tyr	Cys	Ala	Arg	Gly	Asp	Tyr	
				110					115					120	
Gly	Asn	Ser	Leu	Asp	His	Trp	Gly	Gln	Gly	Asn	Leu	Val	Thr	Val	
				125					130					135	
Ser	Ser	Ala	Ser	Pro	Thr	Ser	Pro	Lys	Gly	Leu	Pro	Ala			
				140					145						

<210> 8

<211> 310

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 2770104CD1

<400> 8

Met	Arg	Arg	Thr	Gln	Pro	Leu	Ser	Val	His	Thr	Gly	Trp	Glu	Gly	1	5	10	15
Gly	Glu	Ala	Ile	Ser	Leu	Cys	Val	Ser	Leu	Ser	Arg	Gln	His	Arg	20	25	30	
Gly	Leu	Ile	His	Pro	Gln	Ser	Arg	Ala	Val	Gly	Gly	Asp	Ala	Met	35	40	45	
Thr	Pro	Ile	Val	Thr	Val	Leu	Ile	Cys	Leu	Gly	Leu	Ser	Leu	Gly	50	55	60	
Pro	Arg	Thr	His	Val	Gln	Thr	Gly	Thr	Ile	Pro	Lys	Pro	Thr	Leu	65	70	75	
Trp	Ala	Glu	Pro	Asp	Ser	Val	Ile	Thr	Gln	Gly	Ser	Pro	Val	Thr	80	85	90	
Leu	Ser	Cys	Gln	Gly	Ser	Leu	Glu	Ala	Gln	Glu	Tyr	Arg	Leu	Tyr	95	100	105	
Arg	Glu	Lys	Lys	Ser	Ala	Ser	Trp	Ile	Thr	Arg	Ile	Arg	Pro	Glu	110	115	120	
Leu	Val	Lys	Asn	Gly	Gln	Phe	His	Ile	Pro	Ser	Ile	Thr	Trp	Glu	125	130	135	
His	Thr	Gly	Arg	Tyr	Gly	Cys	Gln	Tyr	Tyr	Ser	Arg	Ala	Arg	Trp	140	145	150	
Ser	Glu	Leu	Ser	Asp	Pro	Leu	Val	Ala	Gly	Asp	Asp	Arg	Ser	Tyr	155	160	165	
Gln	Asn	Pro	Thr	Ser	Gln	Pro	Ser	Pro	Gly	Pro	Val	Val	Thr	Pro	170	175	180	
Gly	Lys	Asn	Val	Thr	Leu	Leu	Cys	Gln	Ser	Arg	Gly	Gln	Phe	His	185	190	195	
Thr	Phe	Leu	Leu	Thr	Lys	Glu	Gly	Ala	Gly	His	Pro	Pro	Leu	His	200	205	210	
Leu	Arg	Ser	Glu	His	Gln	Ala	Gln	Gln	Asn	Gln	Ala	Glu	Phe	Arg	215	220	225	
Met	Gly	Pro	Val	Thr	Ser	Ala	His	Val	Gly	Thr	Tyr	Arg	Cys	Tyr	230	235	240	
Ser	Ser	Leu	Ser	Ser	Asn	Pro	Tyr	Leu	Leu	Ser	Leu	Pro	Ser	Asp	245	250	255	
Pro	Leu	Glu	Leu	Val	Val	Ser	Ala	Ser	Leu	Gly	Gln	His	Pro	Gln	260	265	270	
Asp	Tyr	Thr	Val	Glu	Asn	Leu	Ile	Arg	Met	Gly	Val	Ala	Gly	Leu	275	280	285	
Val	Leu	Val	Val	Leu	Gly	Ile	Leu	Leu	Phe	Glu	Ala	Gln	His	Ser	290	295	300	
Gln	Arg	Ser	Leu	Gln	Asp	Ala	Ala	Gly	Arg						305	310		

<210> 9

<211> 236

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 2851053CD1

<400> 9

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Met Asp Met Arg Val Leu Ala Gln Leu Leu Gly Leu Leu Leu Leu
 1          5          10          15
Cys Phe Pro Gly Ala Arg Cys Asp Ile Gln Met Thr Gln Ser Pro
          20          25          30
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg Val Thr Ile Thr Cys
          35          40          45
Arg Ala Ser Gln Asp Ile Ser Asn Tyr Leu Ala Trp Phe Gln Gln
          50          55          60
Lys Pro Gly Thr Ala Pro Lys Ser Leu Ile Tyr Asp Thr Ser Ser
          65          70          75
Leu Gln Ser Gly Val Pro Ser Lys Phe Ser Gly Ser Gly Ser Gly
          80          85          90
Thr Asp Phe Thr Leu Thr Ile Asn Ser Leu Gln Pro Glu Asp Phe
          95          100          105
Ala Thr Tyr Tyr Cys Gln Gln His His Ser Tyr Pro Leu Thr Phe
          110          115          120
Gly Gly Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala Pro
          125          130          135
Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly
          140          145          150
Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu
          155          160          165
Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn
          170          175          180
Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr
          185          190          195
Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys
          200          205          210
His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser
          215          220          225
Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
          230          235

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<210> 10

<211> 237

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 3238787CD1

<400> 10

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Met Asp Met Arg Val Pro Ala Gln Leu Leu Gly Leu Leu Leu Leu
 1          5          10          15
Trp Leu Arg Gly Ala Arg Cys Asp Ile Gln Met Thr Gln Ser Pro
          20          25          30
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg Val Thr Ile Thr Cys
          35          40          45
Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu Asn Trp Tyr Gln Gln
          50          55          60
Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr Ala Ala Ser Ser
          65          70          75

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Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly
 80 85 90
 Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp Phe
 95 100 105
 Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Pro Ile Thr
 110 115 120
 Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala Ala
 125 130 135
 Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
 140 145 150
 Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg
 155 160 165
 Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly
 170 175 180
 Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr
 185 190 195
 Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu
 200 205 210
 Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser
 215 220 225
 Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
 230 235

<210> 11
 <211> 148
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Incyte ID NO: 3559548CD1

<400> 11
 Met Asp Trp Thr Trp Ser Ile Leu Phe Leu Val Ala Ala Ala Thr
 1 5 10 15
 Gly Ala His Ser Gln Val His Leu Val Gln Ser Gly Ala Glu Val
 20 25 30
 Lys Lys Pro Gly Ala Ser Val Lys Val Ser Cys Lys Ala Ser Gly
 35 40 45
 Tyr Thr Phe Thr Ser His Gly Ile Thr Trp Val Arg Gln Ala Pro
 50 55 60
 Gly Gln Gly Leu Glu Trp Met Gly Trp Ile Ser Pro Asn Asn Gly
 65 70 75
 Asp Thr Phe Tyr Ala His Arg Leu Gln Asp Arg Val Thr Leu Thr
 80 85 90
 Thr Asp Thr Ser Ala Thr Thr Gly Tyr Met Glu Leu Arg Ser Leu
 95 100 105
 Thr Ser Asp Asp Thr Ala Ile Tyr Tyr Cys Ala Arg Gly Asp Tyr
 110 115 120
 Gly Asn Ser Leu Asp His Trp Gly Gln Gly Asn Leu Val Thr Val
 125 130 135
 Ser Ser Ala Ser Pro Thr Ser Pro Lys Gly Leu Pro Ala
 140 145

<210> 12
 <211> 236
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Incyte ID NO: 3872741CD1

<400> 12
 Met Asp Met Arg Val Pro Ala Gln Leu Leu Gly Leu Leu Leu Leu
 1 5 10 15
 Trp Leu Ser Gly Ala Arg Cys Asp Thr Gln Met Thr Gln Ser Pro
 20 25 30
 Ser Ser Leu Ser Ala Ser Val Gly Asp Arg Leu Thr Ile Thr Cys
 35 40 45
 Gln Ala Ser Glu Asp Val Ile Lys Tyr Val Asn Trp Tyr Gln Gln
 50 55 60
 Lys Pro Arg Lys Ala Pro Lys Leu Leu Ile His Asp Ala Ser Asn
 65 70 75
 Leu Glu Thr Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly
 80 85 90
 Thr Leu Phe Thr Phe Thr Ile Ser Asn Leu Gln Pro Glu Asp Val
 95 100 105
 Ala Thr Tyr Tyr Cys Gln His Tyr Ala Ser His Pro Leu Thr Phe
 110 115 120
 Gly Gly Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala Pro
 125 130 135
 Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly
 140 145 150
 Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu
 155 160 165
 Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn
 170 175 180
 Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr
 185 190 195
 Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys
 200 205 210
 His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser
 215 220 225
 Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
 230 235

<210> 13
 <211> 237
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Incyte ID NO: 3981428CD1

<400> 13
 Met Asp Met Arg Val Pro Ala Gln Leu Leu Gly Leu Leu Leu Leu

1	5	10	15
Trp Leu Arg Gly Ala Arg Cys Asp Ile Gln Met Thr Gln Ser Pro			
	20	25	30
Ser Ser Leu Ser Ala Ser Val Gly Asp Arg Val Thr Met Thr Cys			
	35	40	45
Arg Ala Ser Gln Ser Ile Ser Thr Tyr Leu Asn Trp Tyr Gln Gln			
	50	55	60
Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr Ala Ala Ser Ser			
	65	70	75
Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly			
	80	85	90
Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp Phe			
	95	100	105
Ala Thr Tyr Tyr Cys Gln Gln Ser Phe Asn Thr His Met Tyr Thr			
	110	115	120
Phe Gly Gln Gly Thr Arg Leu Glu Met Lys Arg Thr Val Ala Ala			
	125	130	135
Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser			
	140	145	150
Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg			
	155	160	165
Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly			
	170	175	180
Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr			
	185	190	195
Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu			
	200	205	210
Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser			
	215	220	225
Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys			
	230	235	

<210> 14

<211> 219

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 4635039CD1

<400> 14

Met Asp Trp Thr Trp Arg Ile Leu Phe Leu Val Ala Ala Val Thr			
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Gly Val His Ser Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val			
	20	25	30
Arg Lys Pro Gly Ala Ser Val Lys Val Ser Cys Lys Ala Ser Gly			
	35	40	45
Tyr Thr Phe Ser Asp His Tyr Ile His Trp Val Arg Gln Ala Pro			
	50	55	60
Gly Gln Gly Leu Glu Trp Met Gly Trp Ile Asn Pro Asn Ser Gly			
	65	70	75
Gly Ala Arg Tyr Ala Gln Gly Phe Gln Gly Leu Val Thr Met Thr			
	80	85	90

Arg Asp Thr Ser Ile Ser Thr Ala Tyr Leu Glu Leu Arg Gly Leu
 95 100 105
 Arg Ser Asp Gly Ser Ala Val Tyr Phe Cys Ala Arg Gln Thr Thr
 110 115 120
 Ser Ser Pro Val Gly Asp Ala Phe Asp Ile Trp Gly Gln Gly Thr
 125 130 135
 Met Val Thr Val Ser Ser Ala Ser Pro Thr Ser Pro Lys Val Phe
 140 145 150
 Pro Leu Ser Leu Cys Ser Thr Gln Pro Asp Gly Asn Val Val Ile
 155 160 165
 Ala Cys Leu Val Gln Gly Phe Phe Pro Gln Glu Pro Leu Ser Val
 170 175 180
 Thr Trp Ser Glu Thr Asp Gln Gly Val Thr Ala Lys Lys Leu Pro
 185 190 195
 Thr Gln Pro Gly Cys Leu Arg Gly Thr Val Asn His Glu Gln Pro
 200 205 210
 Ala Asp Pro Ala Gly Gln Asn Ser Ala
 215

<210> 15
 <211> 241
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID NO: 3240710CD1

<400> 15
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 1 5 10 15
 Pro Gly Ser Ser Ala Asp Ile Val Leu Thr Gln Thr Pro Leu Ser
 20 25 30
 Leu Ser Val Thr Pro Gly Gln Pro Ala Ser Ile Ser Cys Lys Ser
 35 40 45
 Ser Glu Ser Leu Leu His Thr Asp Gly Lys Thr Tyr Leu His Trp
 50 55 60
 Phe Val Gln Lys Ala Gly Gln Pro Pro Gln Val Leu Met Tyr Glu
 65 70 75
 Val Ser Asn Arg Phe Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
 80 85 90
 Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile Ser Arg Val Glu Ala
 95 100 105
 Glu Asp Val Arg Ile Tyr Tyr Cys Met Arg Thr Ile Gln Val Pro
 110 115 120
 Pro Thr Trp Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
 125 130 135
 Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu
 140 145 150
 Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn
 155 160 165
 Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala
 170 175 180
 Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser

	185	190	195
Lys Asp Ser Thr	Tyr Ser Leu Ser Ser	Thr Leu Thr Leu Ser	Lys
	200	205	210
Ala Asp Tyr Glu	Lys His Lys Val Tyr	Ala Cys Glu Val Thr	His
	215	220	225
Gln Gly Leu Ser	Ser Pro Val Thr Lys	Ser Phe Asn Arg Gly	Glu
	230	235	240

Cys

<210> 16

<211> 507

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 4945813CD1

<400> 16

Met Asp Leu Leu Cys	Lys Asn Met Lys His	Leu Trp Phe Phe Leu
1	5	10
Leu Leu Val Ala Ala	Pro Arg Trp Val Leu	Ser Gln Leu Gln Leu
	20	25
Gln Glu Ser Gly Pro	Gly Leu Val Lys Pro	Ser Glu Thr Leu Ser
	35	40
Leu Thr Cys Thr Val	Ser Gly Gly Ser Ile	Ser Ser Tyr Asn His
	50	55
Tyr Trp Gly Trp Val	Arg Gln Pro Pro Gly	Lys Gly Leu Glu Trp
	65	70
Ile Gly Ser Ile Phe	Tyr Thr Gly Asn Ser	Tyr Tyr Asn Pro Ser
	80	85
Leu Lys Ser Arg Leu	Ala Ile Ser Val Asp	Thr Ser Lys Ser Gln
	95	100
Leu Ser Leu Lys Leu	Ser Ser Val Thr Ala	Ala Asp Thr Ala Val
	110	115
Tyr Tyr Cys Ala Thr	Val Pro Lys Thr Arg	Ser Arg Pro Arg Gly
	125	130
Tyr Thr Tyr Gly Pro	Phe Asp Phe Trp Gly	Gln Gly Thr Leu Val
	140	145
Thr Val Ser Ser Ala	Ser Pro Thr Ser Pro	Lys Val Phe Pro Leu
	155	160
Ser Leu Cys Ser Thr	Gln Pro Asp Gly Asn	Val Val Ile Ala Cys
	170	175
Leu Val Gln Gly Phe	Phe Pro Gln Glu Pro	Leu Ser Val Thr Trp
	185	190
Ser Glu Ser Gly Gln	Gly Val Thr Ala Arg	Asn Phe Pro Pro Ser
	200	205
Gln Asp Ala Ser Gly	Asp Leu Tyr Thr Thr	Ser Ser Gln Leu Thr
	215	220
Leu Pro Ala Thr Gln	Cys Leu Ala Gly Lys	Ser Val Thr Cys His
	230	235
Val Lys His Tyr Thr	Asn Pro Ser Gln Asp	Val Thr Val Pro Cys
	245	250
Pro Val Pro Ser Thr	Pro Pro Thr Pro Ser	Pro Ser Thr Pro Pro

260 265 270
 Thr Pro Ser Pro Ser Cys Cys His Pro Arg Leu Ser Leu His Arg
 275 280 285
 Pro Ala Leu Glu Asp Leu Leu Leu Gly Ser Glu Ala Asn Leu Thr
 290 295 300
 Cys Thr Leu Thr Gly Leu Arg Asp Ala Ser Gly Val Thr Phe Thr
 305 310 315
 Trp Thr Pro Ser Ser Gly Lys Ser Ala Val Gln Gly Pro Pro Glu
 320 325 330
 Arg Asp Leu Cys Gly Cys Tyr Ser Val Ser Ser Val Leu Pro Gly
 335 340 345
 Cys Ala Glu Pro Trp Asn His Gly Lys Thr Phe Thr Cys Thr Ala
 350 355 360
 Ala Tyr Pro Glu Ser Lys Thr Pro Leu Thr Ala Thr Leu Ser Lys
 365 370 375
 Ser Gly Asn Thr Phe Arg Pro Glu Val His Leu Leu Pro Pro Pro
 380 385 390
 Ser Glu Glu Leu Ala Leu Asn Glu Leu Val Thr Leu Thr Cys Leu
 395 400 405
 Ala Arg Gly Phe Ser Pro Lys Asp Val Leu Val Arg Trp Leu Gln
 410 415 420
 Gly Ser Gln Glu Leu Pro Arg Glu Lys Tyr Leu Thr Trp Ala Ser
 425 430 435
 Arg Gln Glu Pro Ser Gln Gly Thr Thr Thr Phe Ala Val Thr Ser
 440 445 450
 Ile Leu Arg Val Ala Ala Glu Asp Trp Lys Lys Gly Asp Thr Phe
 455 460 465
 Ser Cys Met Val Gly His Glu Ala Leu Pro Leu Ala Phe Thr Gln
 470 475 480
 Lys Thr Ile Asp Arg Leu Ala Gly Lys Pro Thr His Val Asn Val
 485 490 495
 Ser Val Val Met Ala Glu Val Asp Gly Thr Cys Tyr
 500 505

<210> 17

<211> 244

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 4948957CD1

<400> 17

Met Val Leu Gln Thr Gln Val Phe Ile Ser Leu Leu Leu Trp Ile
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 Ser Val Leu Thr Ala Gly Ala Tyr Gly Asp Ile Val Met Thr Gln
 20 25 30
 Ser Pro Asp Ser Leu Ala Val Ser Leu Gly Glu Arg Ala Thr Ile
 35 40 45
 Thr Cys Lys Ser Ser Gln Ser Val Phe Tyr Asn Ser Asn Asn Lys
 50 55 60
 Asn Tyr Leu Val Trp Tyr Gln Gln Arg Pro Gly Gln Pro Pro Lys
 65 70 75

Met Leu Ile Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val Pro Asp
 80 85 90
 Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
 95 100 105
 Ser Ser Leu Gln Ala Glu Asp Val Ala Leu Tyr Tyr Cys Gln Gln
 110 115 120
 Tyr Phe Thr Thr Pro Tyr Thr Phe Gly Gln Gly Thr Arg Leu Glu
 125 130 135
 Ile Lys Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro
 140 145 150
 Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu
 155 160 165
 Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val
 170 175 180
 Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu
 185 190 195
 Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr
 200 205 210
 Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu
 215 220 225
 Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn
 230 235 240
 Arg Gly Glu Cys

<210> 18
 <211> 240
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID NO: 4949649CD1

<400> 18
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 Leu Ala Tyr Gly Ser Gly Val Asp Ser Gln Thr Val Val Thr Gln
 20 25 30
 Glu Pro Ser Leu Ser Val Ser Pro Gly Gly Thr Val Thr Leu Thr
 35 40 45
 Cys Gly Leu Ala Ser Asp Ser Val Ser Thr Asn Phe Phe Pro Thr
 50 55 60
 Trp Tyr Gln Gln Thr Pro Gly Gln Ala Pro Arg Thr Leu Ile Tyr
 65 70 75
 Ser Thr Ser Thr Arg Ser Ser Gly Val Pro Asp Arg Phe Ser Gly
 80 85 90
 Ser Ile Leu Gly Asn Lys Ala Ala Leu Thr Ile Thr Gly Ala Gln
 95 100 105
 Ala Asp Asp Glu Ser Asp Tyr Tyr Cys Ala Leu Tyr Met Gly Ser
 110 115 120
 Gly Ile Ser Val Phe Gly Gly Gly Thr Lys Val Thr Val Leu Gly
 125 130 135
 Gln Pro Lys Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser
 140 145 150

Glu	Glu	Leu	Gln	Ala	Asn	Lys	Ala	Thr	Leu	Val	Cys	Leu	Ile	Ser
				155					160					165
Asp	Phe	Tyr	Pro	Gly	Ala	Val	Thr	Val	Ala	Trp	Lys	Ala	Asp	Ser
				170					175					180
Ser	Pro	Val	Lys	Ala	Gly	Val	Glu	Thr	Thr	Thr	Pro	Ser	Lys	Gln
				185					190					195
Ser	Asn	Asn	Lys	Tyr	Ala	Ala	Ser	Ser	Tyr	Leu	Ser	Leu	Thr	Pro
				200					205					210
Glu	Gln	Trp	Lys	Ser	His	Arg	Ser	Tyr	Ser	Cys	Gln	Val	Thr	His
				215					220					225
Glu	Gly	Ser	Thr	Val	Glu	Lys	Thr	Val	Ala	Pro	Thr	Glu	Cys	Ser
				230					235					240

<210> 19

<211> 398

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 5500302CD1

<400> 19

Met	Ser	Gly	Ser	Ser	Leu	Pro	Ser	Ala	Leu	Ala	Leu	Ser	Leu	Leu
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Leu	Val	Ser	Gly	Ser	Leu	Leu	Pro	Gly	Pro	Gly	Ala	Ala	Gln	Asn
				20					25					30
Ala	Gly	Phe	Val	Lys	Ser	Pro	Met	Ser	Glu	Thr	Lys	Leu	Thr	Gly
				35					40					45
Asp	Ala	Phe	Glu	Leu	Tyr	Cys	Asp	Val	Val	Gly	Ser	Pro	Thr	Pro
				50					55					60
Glu	Ile	Gln	Trp	Trp	Tyr	Ala	Glu	Val	Asn	Arg	Ala	Glu	Ser	Phe
				65					70					75
Arg	Gln	Leu	Trp	Asp	Gly	Ala	Arg	Lys	Arg	Arg	Val	Thr	Val	Asn
				80					85					90
Thr	Ala	Tyr	Gly	Ser	Asn	Gly	Val	Ser	Val	Leu	Arg	Ile	Thr	Arg
				95					100					105
Leu	Thr	Leu	Glu	Asp	Ser	Gly	Thr	Tyr	Glu	Cys	Arg	Ala	Ser	Asn
				110					115					120
Asp	Pro	Lys	Arg	Asn	Asp	Leu	Arg	Gln	Asn	Pro	Ser	Ile	Thr	Trp
				125					130					135
Ile	Arg	Ala	Gln	Ala	Thr	Ile	Ser	Val	Leu	Gln	Lys	Pro	Arg	Ile
				140					145					150
Val	Thr	Ser	Glu	Glu	Val	Ile	Ile	Arg	Asp	Ser	Pro	Val	Leu	Pro
				155					160					165
Val	Thr	Leu	Gln	Cys	Asn	Leu	Thr	Ser	Ser	Ser	His	Thr	Leu	Thr
				170					175					180
Tyr	Ser	Tyr	Trp	Thr	Lys	Asn	Gly	Val	Glu	Leu	Ser	Ala	Thr	Arg
				185					190					195
Lys	Asn	Ala	Ser	Asn	Met	Glu	Tyr	Arg	Ile	Asn	Lys	Pro	Arg	Ala
				200					205					210
Glu	Asp	Ser	Gly	Glu	Tyr	His	Cys	Val	Tyr	His	Phe	Val	Ser	Ala
				215					220					225
Pro	Lys	Ala	Asn	Ala	Thr	Ile	Glu	Val	Lys	Ala	Ala	Pro	Asp	Ile

Thr Gly His Lys	230	Asn Glu Gly Gln Asp	235	Ala	240
Thr Met Tyr Cys	245	Pro His Pro Asp Trp	250	Ile	255
Trp Arg Lys Lys	260	Met Asp Ile Val Asn	265	Thr	270
Ser Gly Arg Phe	275	Glu Asn Tyr Thr Glu	280	Leu	285
Asn Ile Val Asn	290	Asp Pro Gly Glu Tyr	295	Glu	300
Cys Asn Ala Thr	305	Ala Ser Val Val Thr	310	Val	315
Leu Arg Val Arg	320	Leu Trp Pro Phe Leu	325	Gly	330
Ile Leu Ala Glu	335	Val Ile Ile Val Val	340	Tyr	345
Glu Lys Arg Lys	350	Pro Asp Asp Asp Glu	355	Pro	360
Ala Gly Pro Met	365	Asn Asn His Lys Asp	370	Lys	375
Asn Leu Arg Gln	380	Arg Asn Thr Asn	385		390
	395				

<210> 20
 <211> 917
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID NO: 079785CB1

<400> 20
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 tgtaggagac agagtcacca tcacttgccg ggcaggtcag agcattagca gctattttaa 180
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 gcaaagtggg gtcccatcaa ggttcagtgg cagtggatct gggacagatt tcaactctcac 300
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 cctccaatcg ggtaactccc aggagagtgt cacagagcag gacagcaagg acagcaccta 600
 cagcctcagc agcaccctga cgctgagcaa agcagactac gagaaacaca aagctctacgc 660
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<210> 21
 <211> 1746

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 2469025CB1

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acagcagtg ggcgcaggac tgttgaagcc ttcggagacc ctgtccctca cctgcgctgt 180
ctatggtggg tccttcagtg gttactactt aagtggttac tactggagct ggatccgcca 240
gccccacagg aaggggctgg agtggattgg ggaaatcaat catagtggaa gcaccaacta 300
caacccgtcc ctcaagagtc gagtcacat atcagtagac acgtccaaga accagttctc 360
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gagtgatagt agtgggtccc catatggact tgactactgg ggccagggaa ccctgggtcac 480
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cgtgactgtc acctggtaca tggggacaca gagccagccc cagagaacct tccctgagat 660
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aaaaaa 1746

<210> 22
<211> 1160
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID NO: 2906265CB1

<400> 22
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cagggcctgg agtttttaaat ttacttccaa ggcaacagt caccagacaa atcagggctg 240
cccagtgatc gcttctctgc agagaggact gggggatccg tctccactct gacgatccag 300

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aaggccacac tgggtgtgct ggccacaggc ttcttccctg accacgtgga gctgagctgg 540
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<210> 23

<211> 1356

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 788975CB1

<400> 23

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<210> 24

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 1407148CB1

<400> 24

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<210> 25

<211> 1956

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 1870848CB1

<400> 25

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<210> 26

<211> 589

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 1888468CB1

<400> 26

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caaaggtctt cccgcttgag cctctgcaag caccagccc agatggggaa ccgtgggtcaa 540
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<210> 27

<211> 1388

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 2770104CB1

<400> 27

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acgccatgac ccccatcgtc acagtcctga tctgtctcgg gctgagtctg ggccccagga 420
cccacgtgca gacaggggacc atccccaagc ccacctgtg ggctgagcca gactctgtga 480

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<210> 28

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 2851053CB1

<400> 28

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tggagacaga gtcaccatca cttgtcgggc gagtcaggac attagcaatt atttagcctg 180
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cttcatcttc ccgccatctg atgagcagtt gaaatctgga actgcctctg ttgtgtgcct 480
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<210> 29

<211> 936

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 3238787CB1

<400> 29

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ctctggctcc gaggtgcccag atgtgacatc cagatgaccc agtctccatc ctccctgtct 120
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catcctttgg cctctgaccc tttttccaca ggggacctac ccctattgcy gtctccagc 840
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<210> 30

<211> 571

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 3559548CB1

<400> 30

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ggtgaagaag cctggggcct cagtgaaggt ctcttgcaag gcttctgggt acacctttac 180
cagtcatggt atcacctggg tgccggcagg ccctggacaa gggcttgagt ggatgggggtg 240
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gaccacagac acatcggcga ccacaggcta catggagctg aggagcctga catctgacga 360
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gggaaacctg gtcactgtct cctcagcatc cccgaccagc cccaaagggtc ttcccgtctg 480
agcctctgca agcaccagc ccagatgggg aaccgtgggtc aatcgctgct cctgggtcca 540
ggggctttct tcccgaaggg agccaattaa t 571

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<210> 31

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 3872741CB1

<400> 31

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tgcactgtgc ggagacagac tcaccatcac ttgccaggcg agtgaggacg tcatcaataa 180
tgtgaattgg tatcaacaaa aacctaggaa agcccctaaa ctctgatcc acgatgcac 240
caatttgga acaggggtcc catcaagggt cagtggaggt ggatctggga cactttttac 300
tttcaccatc agcaacctgc agcctgaaga tgttgcaaca tattactgtc agcactatgc 360

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tagtcatccg ctcacttttcg gcggagggac caaggtggag atcaaacgaa ctgtggctgc 420
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tgtgtgcctg ctgaataact tctatcccag agaggccaaa gtacagtgga aggtggataa 540
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tcctttggcc tctgagcctt tttccacaag gggactacct ctattgcggg tctccagctc 840
atctttcacc tcaccccgctc cttctgcttg gctttaatta tgctatgttt 890

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<210> 32

<211> 928

<212> DNA

<213> Homo sapiens

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<223> Incyte ID NO: 3981428CB1

<400> 32

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gcacctatth aaattgggtat cagcagaaac cagggaagc ccctaagctc ttgatctatg 240
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<210> 33

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 4635039CB1

<400> 33

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gtctggggct gaggtgagga agcctggggc ctgagtgaag gtctcctgta aggttctggt 180
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gagatctgac ggctcggccg tgtacttctg tgcgagacaa accacctcgt ctctgtagg 420
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cagccccaag gtcttcccgc tgagcctctg cagcaccacg ccagatggga acgtggatcat 540
cgctgcctg gtccagggct tcttccccca ggagccactc agtgtgacct ggagcgaaac 600
ggaccagggc gtgaccgcca aaaaacttcc caccagcca ggatgccttc gggggactgt 660
aaaccacgag cagccagctg accctgcccg gcaaaacagt gcctaaccg gaaaattcgg 720
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<210> 34

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 3240710CB1

<400> 34

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<210> 35

<211> 1584

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID NO: 4945813CB1

<400> 35

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caaggtcttc	ccgctgagcc	tctgcagcac	ccagccagat	gggaacgtgg	tcatcgctcg	540
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gggcgtgacc	gccagaact	ccccaccag	ccaggatgcc	tccggggacc	tgtacaccac	660
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<211> 804
<212> DNA
<213> Homo sapiens
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<223> Incyte ID NO: 4948957CB1
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gccagagtgt	tttctacaac	tccaacaata	agaactactt	agtttggtac	cagcaaagac		240
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